

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **004082.000002**  
 First Inventor **Aubrey R. Thuede**  
 Title **FILTER CLOGGING DETECTOR**  
 Express Mail Label No. **EV342413377US**

ADDRESS TO: Commissioner for Patents  
 Mail Stop Patent Application  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

03917 U.S. PTO  
 10/651118  
 08/28/03

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form PTO/SB/17 (in duplicate)
2. ☒ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification [Total Pages **15**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to a sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **2**]
5. ☒ Oath or Declaration [Total Pages **3**]  
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 19 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76.
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
11. ☒ Power of Attorney
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449  
\_\_\_\_\_ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (Itemized)
16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
17. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
18. ☒ Other: Transmittal Letter

19. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior Application Information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 20. CORRESPONDENCE ADDRESS

Direct all correspondence to:

☐ Customer Number or Bar Code Label:

☒ Firm Name **BRACEWELL & PATTERSON, L.L.P.**

Address **Attention: James E. Bradley**

Address **P.O. Box 61389**

City **Houston** State **Texas** ZIP **77208-1389**

Country **United States** Telephone **(713) 223-2900** Fax **(713) 221-1212**

Name (Print/Type) **James E. Bradley** Registration No. **27,536**

Signature *James E. Bradley* Date **August 28, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit:

August 28, 2003

By: Terrie Lindquist  
Terrie Lindquist

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	§	Docket No.	004082.000002
AUBREY R. THOEDE	§		
	§		
Serial No.: To be assigned	§	Art Unit:	To be assigned
	§		
Filed: August 28, 2003	§		
	§	Examiner:	To be assigned
For: FILTER CLOGGING DETECTOR	§		

TRANSMITTAL LETTER

**Box: PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

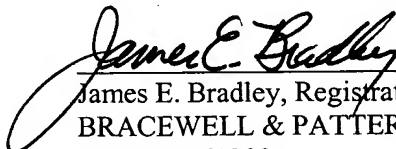
Dear Sir:

1. Patent Application;
2. Utility Patent Application Transmittal;
3. Fee Transmittal for FY 2003;
4. Declaration and Power of Attorney;
5. Assignment and Recordation Form Cover Sheet;
6. Checks in the amounts of \$375 and \$40 for a small entity;
7. Certificate of Express Mail Under 37 CFR 1.10; and
8. Our return postcard, which we would appreciate your date stamping and returning to us upon receipt.

I hereby authorize the Assistant Commissioner to charge any additional fees that may be required or credit any overpayment to Bracewell & Patterson, L.L.P., Deposit Account No. 50-0259 (Order No. 004082.002).

Respectfully submitted,

Date: August 28, 2003

  
James E. Bradley, Registration No. 27,536  
BRACEWELL & PATTERSON, L.L.P.  
P. O. Box 61389  
Houston, Texas 77208-1389  
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ATTORNEY FOR APPLICANT

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$ 415.00)****METHOD OF PAYMENT** (check all that apply)

1. ☒ The Commissioner is authorized to charge fee(s) indicated below and credit any overpayments to:  
**Deposit Account No.: 50-0259 (Order No 004082.2)** Deposit Account Name:

**BRACEWELL & PATTERSON, L.L.P.**☒ Charge any additional fee(s) required during the pendency of this application

2. ☒ Payment Enclosed: ☒ Check  
☐ Other  
☐ None

**FEE CALCULATION****1. Basic Filing Fee**

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	\$750	2001	\$375	Utility Filing Fee	\$ 375.00
1002	\$330	2002	\$165	Design Filing Fee	\$
1003	\$520	2003	\$260	Plant Filing Fee	\$
1004	\$750	2004	\$375	Reissue Filing Fee	\$
1005	\$160	2005	\$ 80	Provisional Filing Fee	\$
<b>Subtotal (1)</b>					<b>\$ 375.00</b>

**2. Extra Claim Fees**

Claims	Extra	Fee (below)	Fee Paid
Total	16 - 20** = 0	x \$	= \$
Indep.	3 - 3** = 0	x \$	= \$
Multiple Dependent			\$

\*\*or number previously paid, if greater  
 For Reissues, see below

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
\$ 18	\$ 9	Claims in excess of 20
\$ 84	\$ 42	Independent claims in excess of 3
\$280	\$140	Multiple dependent claim, if not paid
\$ 84	\$ 42	**Reissue independent claims over original patent
\$ 18	\$ 9	**Reissue claims in excess of 20 and over original patent

**Subtotal (2)**

\$ -0-

**Compleat if Known**

Application Number	Not assigned
Filing Date	August 28, 2003
First Named Inventor	Aubrey R. Thoede
Examiner Name	Not assigned
Art Unit	Not assigned
Attorney Docket No.	004082.000002

**FEE CALCULATION (continued)****3. Additional Fees**

Large Fee Code	Large Entity	Small Fee Code	Small Entity	Fee Description	Fee Paid
1051	\$ 130	2051	\$ 65	Surcharge - late filing fee or oath	\$
1052	\$ 50	2052	\$ 25	Surcharge - late provisional filing fee or cover sheet	\$
1053	\$ 130	1053	\$ 130	Non-English specification	\$
1812	\$2,520	1812	\$2,520	For filing a request for <i>ex parte</i> reexamination	\$
1804	\$ 920*	1804	\$ 920*	Requesting publication of SIR prior to Examiner action	\$
1805	\$1,840*	1805	\$1,840*	Requesting publication of SIR after Examiner action	\$
1251	\$ 110	2251	\$ 55	Extension for reply within first month	\$
1252	\$ 410	2252	\$ 205	Extension for reply within second month	\$
1253	\$ 930	2253	\$ 465	Extension for reply within third month	\$
1254	\$1,450	2254	\$ 725	Extension for reply within fourth month	\$
1255	\$1,970	2255	\$ 985	Extension for reply within fifth month	\$
1401	\$ 320	2401	\$ 160	Notice of Appeal	\$
1402	\$ 320	2402	\$ 160	Filing a brief in support of an appeal	\$
1403	\$ 280	2403	\$ 140	Request for oral hearing	\$
1451	\$1,510	1451	\$1,510	Petition to institute a public use proceeding	\$
1452	\$ 110	2452	\$ 55	Petition to revive - unavoidable	\$
1453	\$1,300	2453	\$ 650	Petition to revive - unintentional	\$
1501	\$1,300	2501	\$ 650	Utility issue fee (or reissue)	\$
1502	\$ 470	2502	\$ 235	Design issue fee	\$
1503	\$ 630	2503	\$ 315	Plant issue fee	\$
1460	\$ 130	1460	\$ 130	Petitions to the Commissioner	\$
1807	\$ 50	1807	\$ 50	Processing fee under 37 CFR 1.17(q)	\$
1806	\$ 180	1806	\$ 180	Submission of Information Disclosure Statement	\$
8021	\$ 40	8021	\$ 40	Recording each patent assignment per property (times number of properties)	\$ 40.00
1809	\$ 750	2809	\$ 375	Filing a submission after final rejection (37 CFR 1.129(a))	\$
1810	\$ 750	2810	\$ 375	For each additional invention to be examined (37 CFR 1.129(b))	\$
1801	\$ 750	2801	\$ 375	Request for Continued Examination (RCE)	\$
1802	\$ 900	1802	\$ 900	Request for expedited examination of a design application	\$
Other Fee (specify)					\$
Other Fee (specify)					\$

\*Reduced by Basic Filing Fee Paid

**Subtotal (3)**

\$ 40.00

**SUBMITTED BY**

Date: August 28, 2003

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